

रजिस्ट्री सं० डी एल—33001/94

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस  
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Calcutta, the 1st January 1994

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Telegraphic address "PATOFFICE".

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Telegraphic address "PATENTOFIS".

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5th, 6th and 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

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## पेटेंट कार्यालय

## एवं सहायक अधिकारी

कलकत्ता, दिनांक 1 जनवरी 1994

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोही इस्टेट,  
तीसरा तल, लोअर परले (पश्चिम),  
बम्बई-400013 ।

गजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य  
क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा  
दीव एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटॉफिस”

पेटेंट कार्यालय शाखा,  
फ्लैट नं० 401 से 405, तीसरा तल,  
महामणिक बाजार भवन,  
राजस्थानी मार्ग, करोल बाग,  
दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,  
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों  
में पेटेंट कार्यालय जोन चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटॉफिस”

पेटेंट कार्यालय शाखा,  
61, बालासाह रोड,  
मद्रास 600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य  
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,  
मिन्निकाय तथा एमिनिदिबि द्वीप ।

तार पता—“पेटेंटॉफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),  
प्रधान पते, द्वितीय बहुराज्य कार्यालय,  
भवन 5.6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस रोड,  
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

नोट :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा बैंक आवेद या जहाँ उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है ।

## REGISTRATION OF PATENT AGENTS

The following persons have been registered as a Patent Agent under the provision of sub-sections (1) (c) (i) and (1) (c) (ii) of Section 126 of the Patents Act, 1970.

1. Bidyut Kumar Niyogi (No. 137),  
6/7-C, Archarya Jagadish Bose Road,  
Calcutta-700 017.
2. Balan Kombi (No. 138),  
15 D. JIG Flats,  
G.T.B. Enclave (Nanda Nagari),  
New Delhi-110 093.
3. Delphina Fernandes (No. 139),  
26/548, B. P. T. Colony,  
Reynolds Road, Wadala,  
Bombay-400037.
4. Madhav Gajanan Kasbekar (No. 140),  
3/48, Madhavi Sahniwas,  
277, Mohl Lane, Mahim,  
Bombay 400 016.

APPLICATION FOR PATENT FILED AT THE HEAD  
OFFICE AT 234/4 ACHARYA JAGADISH BOSE ROAD,  
CALCUTTA-20

The dates shown in the present branch are the dates claimed  
under section 135, of the Patents Act, 1970.

9th November, 1993

681/Cal/93. Karl Niese. Pressure Cooker,

682/Cal/93. Intellectual property Holdings Pte Limited.  
Joins. [Conventional no. 9223481.4; dated  
10-11-92; U. K.].

10th November 1993

683/Cal/93. Tinkari Ghosh, alias Tinu Ghosh. Musical  
Instrument "Tantar".

684/Cal/93. E.I. Du Pont De Nemours and Company.  
Fibers and films of improved flame resistance.

685/Cal/93. Hitachi, Ltd. Thyristor valve arrester and DC  
Power transmission thyristor valve using the  
same.

11th November, 1993

686/Cal/93. Patent-Treuhand-Gesellschaft F. Elektrische  
Glühlampen MbH. Low-Pressure discharge  
lamp.

687/Cal/93. Bull S. A. Simulation tool for a network code.

12th November 1993.

688/Cal/93. Fation Corporation. Method and apparatus  
for determining a need for vehicle braking system  
maintenance.

689/Cal/93. Great Lakes Chemical corporation. Flame re-  
tardant brominated styrene graft latex coatings

690/Cal/93. Hoechst Aktiengesellschaft. Process for the  
continuous production of aromatic aldehydes.

- 691/Cal/93. Hoechst Aktiengesellschaft. Process for preparing aromatic aldehydes.
- 692/Cal/93. Hoechst Aktiengesellschaft. Black dye mixtures of fibre-reactive azo dyes and use thereof for dyeing hydroxy-and/or carboxamido-containing fiber material.
- 693/Cal/93. O.M.C. Marcato S.R.L. A machine & fittings of which in separate operations allow both for making home-made dough or paste, and for extruding daid edible dough or pasta, as well as for mincing meat and the like.

APPLICATIONS FOR PATENTS FILED IN THE  
PATENT OFFICE BRANCH AT TODI ESTATES, THIRD  
FLOOR, SUN MILL COMPOUND, LOWER PAREL  
(WEST) BOMBAY-13

30-8-93

- 274/BOM/1993. The Director, The Automotive Research Association of India. Arrangement of Compression of Fuel-Air Mixture in an Auxiliary Piston-Cylinder and injection of the mixture through inter connecting ports into the main cylinder of a 2-stroke engine and interrelation of events thereof.
- 275/BOM/1993. Surendra Rhuda-Yaniwas Kotkar. A portable and mobile Automobile service ramp with integral wheel lifting mechanical jacks.
- 276/BOM/1993. Vasant-Mukund Joshi. Mechanism for intermittent operation of valves and other components of internal combustion engines or like machines.

03-09-93

- 277/BOM/1993. M/s. Star holdings & Electronics Research Pvt. Ltd., An improved method and apparatus for the digital analysis of periodic mass variations in textile fibre assemblies.
- 278/BOM/1993. M/s. Star holdings & Electronics Research Pvt. Ltd., An improved method and apparatus for yarn evenness evaluation through digital yarn quality codes and graphic profiles.
- 279/BOM/1993. Hindustan Lever Limited U.K. Priority dated 4-9-1992. Antiperspirant actives and compositions.
- 280/BOM/1993. Hindustan-Lever Limited. Synthesis of Manganese bleach catalyst.
- 281/BOM/1993. Shrikant Ingalthalikar. High speed magnetic drive for cheese winder.
- 282/BOM/1993. Satyawrat Swamirao Ponkshe. Improved stowage Bins/Locker doors for Aeroplane.
- 283/BOM/1993. Manohar Sharma & Babu Sayaf. Double filament domestic electric bulb.
- 284/BOM/1993. Surendra Himmatlal Shah. A device and system for maintaining low RH (Relative Humidity) in cold Air supplied by Air handling unit comprising battery of window type room air conditioners and/or central air conditioning plant.
- 285/BOM/1993. Dinesh Gupta. F.C.D. Technology for ready to serve Tea/Coffee.

06-09-93

- 286/BOM/1993. Narinderjit Singh Batra. An improved stand for domestic appliances.
- 287/BOM/1993. Jagmohan Dalichand Lalani. An improved gate/garden light.
- 288/BOM/1993. Mrs. Pratibha Mohan Bhole. A children nose cleaning device.

- 289/BOM/1993. Vinod Lakshman Mashalkar & Sadanand N. Marulkar. Clutchless gear box for electrical and or manually operated drives used in industrial applications.

10-09-93

- 290/BOM/1993. Vidyadhar Vasant Bhide. A liquid level control switch.
- 291/BOM/1993. M/s. Omegaa Teknologies Limited. An improved camera.
- 292/BOM/1993. Suhas Madhukar Apte. A device for display of products on counter.
- 293/BOM/1993. Centre for development of advanced computing. A method of broadcasting subtitles in speech in multiple languages.

13-9-1993

- 294/BOM/93. Indian Petrochemicals Corporation Ltd., Catalyst composite for dehydrogenation of paraffins to mono olefins and method for the preparation thereof.
- 295/BOM/93. Indian Petrochemicals Corporation Ltd., Method for regeneration of hydrocarbon converting catalyst.

17-9-93

- 296/BOM/93. Hindustan Lever Ltd., Nickel/silica catalyst for hydroreating unsaturated organic compounds, method for its preparation and method for hydrogenating unsaturated animal and vegetable fats and oils.
- 297/BOM/93. Hindustan Lever Ltd., U.K. Priority dated 17-09-92. Method and apparatus for producing tagged articles.
- 298/BOM/93. Hindustan Lever Ltd., U.K. Priority dated 17-09-92. Heat Sealing of thread to a web.
- 299/BOM/93. The Automotive Research Association of India. Improved cylinder head design of petter type engine with 80 mm/85 mm diameter and 110 stroke.

20-9-93

- 300/BOM/93. Babubhai Nanubhai Patel. A seed distributor machine.
- 301/BOM/93. Ravindrakumar Ramjibhai Yadav. An improvement relating to soap cake in which a facility for using residual soap slice is devised by creating cavity or concavity therein.
- 302/BOM/93. Zandu Pharmaceutical Works Ltd. An Ayurvedic Formulation for treatment of parkinsons Disease, Geriatric Tonic and the like.
- 303/BOM/93. Ahmedabad Textile Industry's Research Association. Economical and effective method of minimising radiant heat influx.

24-9-93

- 304/BOM/93. Ravindra Upendra Kanitkar, and Miss Sandeepa Suresh Inamdar. A process to augment sustainance in nitrogen fixing and phosphate solubilizing micro organisms in liquid or solid state.
- 305/BOM/93. Dr. Bakulesh M. Khamar. The process for preservation of corneas.
- 306/BOM/93. Hanumant Damodar Arjunwadkar. Filtering element for straining impurities from molten metal.

28-09-93

- 307/BOM/93. Vinay Kumar Shridhar. An automatic precise thickness controlling device for PVC pipe extruding machine and the like.

29-09-93

- 308/BOM/93. Hindustan Lever Limited. U.K. Priority dated 30-9-92. Cosmetic Composition.
- 309/BOM/93. Hindustan Lever Limited. U.K. Priority dated 30-9-92. Detergent Composition.
- 310/BOM/93. Hindustan Lever Ltd. Dispensing package with closure system.
- 311/BOM/93. Hindustan Lever Ltd. Refillable pump dispensing container.

30-09-93

- 312/BOM/93. Indian Petrochemical Corp. Limited. Process for the manufacture of an improved molecular sieve useful as an adsorbent in the drying of liquid or gaseous hydrocarbon streams.
- 313/BOM/93. Chaitanya Vinayak Rashinkar. A permanently mountable folding type jack for Vespa/Bajaj/LML/Narmada and alike scooters.
- 314/BOM/93. Chaitanya Vinayak Rashinkar. A Pencil Sharpener.
- 315/BOM/93. Hindustan Lever Limited. U.K. Priority dated 30-9-92. Improvements in or relating to Diolc Acids.

05-10-93

- 316/BOM/93. Deepak Chintamani Bhopatkar. A Keyboard using Film Capacitance sensing mechanism for a Computer, A Typewriter or the like appliances.

06-10-93

- 317/BOM/93. Ecomax Agro System Limited. Automatic device for underground sub soil irrigation and system for irrigating/aerating shallow/deep rooted agricultural farms/gardens and the like by said device.

07-10-93

- 318/BOM/93. Akshaykumar Manubhai Shah. An Apparatus for Simultaneously Cooling and Purification/Sterilisation of Water.
- 319/BOM/93. Centre for Development of Advanced Computing. A method of a device for Browsing latest, Upto Minute, Information.
- 320/BOM/93. Centre for Development of Advanced Computing. A method of a device for preventing unauthorised transfer of software program used on multiple computers located within close proximity.

08-10-93

- 321/BOM/93. Pest Control (India) Ltd. A device for detecting and destroying bollworms, to be installed in the field of crops.
- 322/BOM/93. Pest Control (India) Ltd. A device for detecting and destroying bollworms, to be installed in the field of crops.
- 323/BOM/93. Hindustan Lever Limited. Infusion Packets
- 324/BOM/93. Ahibaran Singh. A new Invention of Method and Material Aids on Numeracy and Literacy.

08-10-93

- 325/BOM/93. Talcherkars Display Systems Pvt. Ltd. Advertisement Display Frame.
- 326/BOM/93. Litaka Pharmaceuticals Limited. A Topical Disinfectant.

11-10-1993

- 327/BOM/93. Lupin Laboratories Ltd. Improved method for the preparation of 2-chloro sulfinyl azetidinones.
- 328/BOM/93. Dr. Dilip Umakant Pathak. End on needle holder.

14-10-1993

- 329/BOM/93. Dr. Dilip Umakant Pathak. Renal pelvis irrigation canula set.
- 330/BOM/93. Dr. Dilip Umakant Pathak. Atraumatic pyelolithotomy forceps.

15-10-1993

- 331/BOM/93. Desai Haribhai J. Clean Water.
- 332/BOM/93. Karikkada Chinnapan Yesudas. Improved stove using kerosene as its fuel.

18-10-1993

- 333/BOM/93. Mr. Helmut Makowitzki. Textile Bobbin.
- 334/BOM/93. Mr. Helmut Makowitzki. Winding Machine.
- 335/BOM/93. Mr. Helmut Makowitzki. Weaving Machine.
- 336/BOM/93. Mr. Helmut Makowitzki. Spinning Machine.
- 337/BOM/93. Mr. Helmut Makowitzki. Process and products for the production of cotton sliver.

21-10-1993

- 338/BOM/93. Hindustan Lever Ltd. Production of confectionery.

22-10-1993

- 339/BOM/93. Joaquim Antonio Valadares. Turbo charge turbine.
- 340/BOM/93. Bajaj Auto Ltd. An improved 2 wheeler vehicle.

APPLICATION FOR THE PATENT FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI-110005

12-07-93

- 718/DEL/93. Eastman Kodak Company, "Spinneret Orifices and filament cross-sections with stabilizing legs therefrom".
- 719/DEL/93. Brillcut Patentanstalt, "Diamond Brutting Machine".

13-7-93

- 720/DEL/93. De La Rue Giori S.A., "Apparatus for Image Acquisition with speed compensation".
- 721/DEL/93. De La Rue Giori S.A., "Method and apparatus for determining Mis-registration".
- 722/DEL/93. De La Rue Giori S.A., "Method and apparatus for monitoring image processing operations".
- 723/DEL/93. Suk Jae Oho, Yang Soo Chung and Kobe ABE, "Refrigerant Composition". (Convention date 28th May 1993) U.K.
- 724/DEL/93. Doctor Ajay Gupta, "Intramedullary interlocking Nailing System".
- 725/DEL/93. The Procter & Gamble Company, "Cellulosic Fibrous structures having discrete regions with radially oriented fibers therein. Apparatus therefor, and process of making".

726/DEL/93. The Procter & Gamble Company, "Venting and dispensing cap for a container". (Convention date 18th July, 1992) U.K.

727/DEL/93. The Procter & Gamble Company, "Sanitary Napkin having a central acquisition zone". (Convention date 27th July 1992) U.K.

728/DEL/93. Whitaker Corporation, "Coaxial connector for Coaxial cable having a corrugated outer conductor".

729/DEL/93. Whitaker Corporation, "Shunted connector assembly and shunt assembly therefor".

730/DEL/93. BP Chemicals Limited, "Lubricating Oils". (Convention date 28th July 1992) U.K.

731/DEL/93. Morgan Construction Company, "Finishing block with dual speed sizing capability".

732/DEL/93. Ciba-geigy AG, "Process for the preparation of substituted benzenes and benzene sulfonic acid and derivatives thereof and a process for the preparation of N, N'substituted ureas".

14-07-93

733/DEL/93. Courtaulds Pl.C., "Coloured Films." (Convention date 15th July 1992) U.K.

734/DEL/93. Morgan Construction Company, "Loop Distributor for reforming station".

735/DEL/93. Momtaz Nossbi Mansour, Kanda-swamy Dural-Swamy and David Walter Warren. "A process for recovering the energy and chemical content of Liquir without prodcing smelt and an apparatus for carrying out said process".

736/DEL/93. Momtaz Nossbi Mansour, Kanda-swamy Dural-swamy and David Walter Warren, "A process for steam reforming heavy liquid hydrocarbons".

15-07-93

737/DEL/93. National Institute of Immunology, "Immunotherapy treatment of prostatic hypertrophy".

738/DEL/93. Showa Denko K.K., "Process for producing acetic acid".

739/DEL/93. Ingersoll-rand company, "Double Rod Cylinder feed system".

740/DEL/93. The Geon Company, "Improved catalyst and process for Oxychlorination of ethylene to EDC".

16-07-93

741/DEL/93. Wilkinson Sword gesellschaft mit beschränster Haftung. "Dispenser system for razor blade units".

742/DEL/93. Chemie Linz gesellschaft m.b.H., "Process for the preparation of isocyanic acid by the decomposition of N,N-Disubstituted ureas".

743/DEL/93. Chemie Linz gesellschaft m.b.H., "Process for the preparation of isocyanates by the decomposition of N, N, N'-trisubstituted ureas".

744/DEL/93. Rohm and Haas Company. "A method for extending the open time of an aqueous coating composition".

745/DEL/93. Virbac. "Process for the obtention of a double avirulent mutant of an sad strain of the rabies virus".

#### ALTERATION OF DATE UNDER SECTION—16

172928

(913/Cal/91)

Antedated to 17th October 1988.

172929

(48/Cal/92)

Antedated to 08th February 1989.

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

#### स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र की उपयुक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित घटक, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथाविहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतरराष्ट्रीय वर्गीकरण के अनुरूप हैं।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार, जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी आवश्यकता पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परीक्षण किया जा सकता है।

Ind. Cl.: 89 (XLI)

172901

Int. Cl.: G01 N-3/28.

AN IMPROVED TYPE OF HAND OPERATED ERICHSEN TESTER TO DETERMINE THE DEEP DRAWING PROPERTY OF METAL SHEETS OF THICKNESS FROM 0.2mm AND EVEN 2.3mm THICKNESS".

Applicant & Inventor: KUMAR BALRAM BHATIA, AN INDIAN 408-A POONAM APARTMENTS, DR. ANNIE BESANT ROAD WORLI, BOMBAY-400 018, MAHARASHTRA, INDIA.

Application No. 46/BOM/1991 filed on 20-2-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

## 2 Claims

1. An improved type of hand operated Erichsen Tester to determine the deep drawing property of metal sheets of thickness from 0.2mm has conventionally made and further, even from 2.3mm thickness if required, comprising of a worm and worm-wheel mechanism to gain maximum Mechanical advantage to achieve the high load required to rupture steel sheets upto 3mm thickness, housed in a body with a box type bottom base having an upright cylindrical post; a clamping arrangement for the sheet specimen to be tested with clamping force applying means from the top, test load applying means from bottom and measuring device, the said clamping arrangement includes one fixed bottom die and one movable top die housed inside the said cylindrical post for clamping the test specimen in between them and the said clamping force applying means includes a threaded clamping head screwed through the top of the post having a thrust bearing and a disc spring arranged in between which when fully compressed under 1 ton load becomes flat, the test load applying means includes a ram housed inside the cylindrical post with a plunger with the spherical indenting head mounted over the ram and the ram being vertically movable by means of a threaded spindle, threaded inside the ram from below, through the rotation of said spindle the ram moves up and down, the said spindle is being mounted upright on the axis of a worm wheel of said worm-worm-wheel arrangement and the worm wheel is meshed with a worm which is rotatable by means of an external crank lever, a measuring device includes of a dial gauge externally fitted by the side of the post, but vertically adjustable so as to its plunger with spherical indenting head just touching a stop in the initial 'O' position of the instrument indicating 'O' on the dial gauge, the stop being firmly attached to the said movable ram.

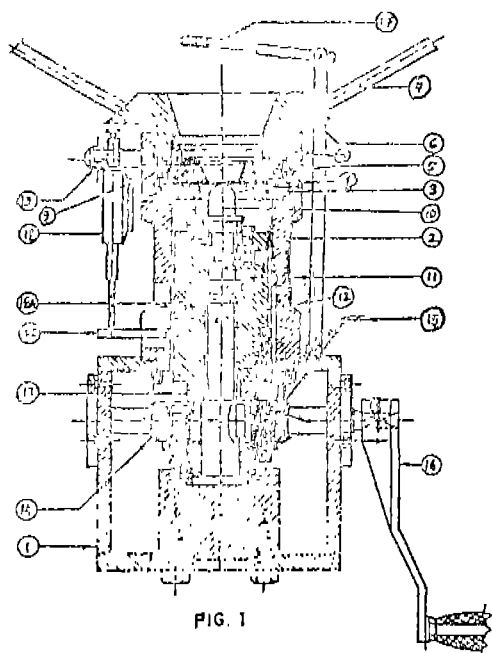


FIG. 1

(Comp. Specn. 9 pages.)

Drg. 1 sheet)

Ind. Cl.: 76H [LXIV (4)]

172902

Int. Cl.: E 05 B—39/02.

## AN IMPROVED SEALING DEVICE.

Applicant & Inventor: SANJEEV LUNIA, 311, PROFESSOR COLONY, NEAR PATEL NAGAR, INDORE-452001, MADHIA PRADESH, INDIA.

Application No. 52/BOM/1991 filed February 21, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

## 2 Claims

An improved sealing device comprising:

a hollow flat rectangular receptacle, closed at one end and open at the other, the inner surface of the walls of the receptacle defining a peripheral seat spaced apart from the closed end of the receptacle such that the inner space defined by the walls of receptacle is wider at the closed end and narrower at the mouth; a flat plunger type element defining a lid for covering the open end of the receptacle and a plunger body; and

a resilient member for securing the plunger body which is receptacle;

characterised in that the said plunger body which is insertable into the hollow receptacle, defines deformable diverging barbs on its sides, which cooperate with the said seat defined in the walls of the receptacle such that in its operative configuration the plunger type element is easily insertable into the receptacle by compressing the divergent bars which barbs expand to their original form to engage the said seat when the plunger body reaches the closed end of the receptacle; and further characterised that a guide formation is provided on the plunger body to prevent play of the plunger type element in its operative configuration when it is inserted in the receptacle.

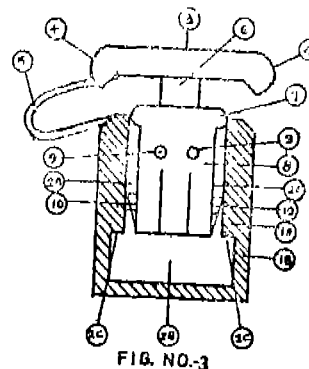


FIG. NO. 3

(Comp. Specn. 7 pages,

Drg. 1 sheet)

Ind. Cl.: 198 B [XXXIV (5)]

172903

Int. Cl.: B03D 1/02; 1/10.

## PROCESS FOR DEWATERING AN AQUEOUS COAL SLURRY FILTER CAKE.

Applicants: HINDUSTAN LEVER LTD., 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

/Inventors: MARK EDWARD KENNEY.

Application No. 122/BOM/91 filed May 5, 1991.

Australian Patent Application May 8, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

## 10 Claims

A process for dewatering an aqueous coal slurry filter cake comprising contacting the coal with a dewatering aid and applying a pressure differential across the cake to remove water therefrom, characterised in that carboxylic acid or a derivative thereof.

(Comp. Specn. 21 pages,

Drgns. 3 sheets)

1. Cl. : 70 C 5+C 6 [LVIII (5)]

172904

nt. Cl. : C 25 D-5/00.

## A CHEMICAL METHOD FOR SILVER DISULPHIDE THIN FILM DEPOSITION.

Applicant & Inventor: DR. CHANDRAKANT DNYANDEV LOKHANDE, LECTURER, DEPARTMENT OF PHYSICS, SHIVAJI UNIVERSITY, KOLHAPUR-416004, AND MR. SANGAPPA SIDRAMPPA DHUMURE, LECTURER, VIVEKANAND COLLEGE, KOLHAPUR-416003, MAHARASHTRA, INDIA BOTH ARE INDIAN NATIONALS.

Application No. 137/BOM/91 filed on 10-5-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

## 6 Claims

A process for the chemical deposition of silver disulphide compound as thin films on substrates with conducting and insulating surfaces from an aqueous bath consisting of 8.5-75 g/L of  $\text{AgNO}_3$ , 12-120 g/L of  $\text{Na}_2\text{S}_2\text{O}_3$  and 5-50 g/L of EDTA solutions in acidic medium having pH between 0.5 to 5 and a temperature between 8 to 55°C.

(Comp. Specn. 8 pages.

Drg Nil)

Ind. Cl. : 115 (XXXIX)

172905

Int. Cl. : A 62 B—35/00.

## AN IMPROVED SAFETY DEVICE FOR PREVENTING A PERSON CLIMBING UP OR DOWN A TALL STRUCTURE FROM FALLING.

Applicants: SHAM BHALCHANDRA ANTOORKAR TRADING AS ELECTRO BUIT, 6 PRAVIN INDUSTRIAL ESTATE, NAGARWEL HANUMAN ROAD, RAKHIAN AHMEDABAD-380023, GUJARAT, (INDIA).

Application No. 138/Bom/1991 filed May 10, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

## 4 Claims

An improved safety device for preventing a person, climbing up or down a tall structure, from falling comprising a guide rail adopted to be attached along the ladder or the like climbing means provided against the vertical side of the tall structure, the said guide rail being provided with a plurality of spaced apart notches/stoppers, an upper/lock sleeve engaging with the said guide rail, a lower sleeve connected to the said lock sleeve with the help of a link each of the said upper sleeve and lower sleeve having an open slot and being provided internally with a plurality of ball bearings just touching the said notched guide rail, the width of the said open slot in the said lock sleeve being smaller than the size of the cross section of the notched guide rail, the said guide rail being provided with smaller cross sections at predetermined desired locations, the size of the said smaller cross sections of the said guide rail being just less than the width of the open slot in the said lock sleeve, the said lock sleeve being provided with a fulcrumed pawl biased by two springs of opposite characteristics working in tandem to help each other in load sharing one being located above the pawl and the other being located below the pawl, one spring pushing the

pawl in the same direction in which the other spring is pulling the said fulcrumed pawl for instantaneously engaging into the notch/stopper of the said guide rail, in case of any emergency, the said upper and lower sleeves being provided with safety snap/s attached to links, the said safety snap/s being adopted to be attached to the hook provided on the belt normally worn around the waist of the climber.

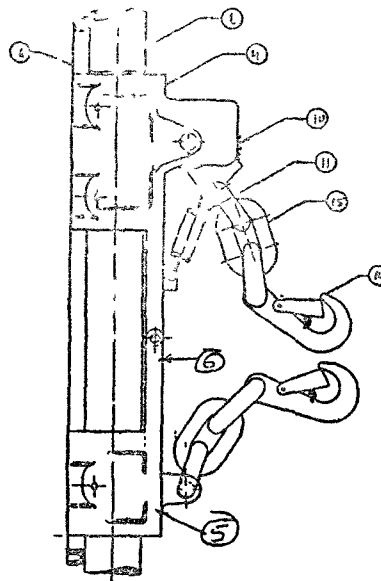


FIG. - 2

(Comp. Specn. 10 pages;

Drgns. 2 sheets)

Ind. Cl. : 170 D [XLIII (4)]

172906

Int. Cl. : C 11 D—1/38, 1/65.

## A BLEACHING (DETERGENT) COMPOSITION.

Applicants: HINDUSTAN LEVER LTD. HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION BOMBAY-400 020, MAHARASHTRA, INDIA.

## Inventors :

- (1) CHRISTOPHER JOHN ADAMS.
- (2) STEPHEN ALAN MADISON.
- (3) JOHN OAKES.
- (4) DAVID WILLIAM THORNTHWAITE.

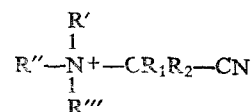
Application No. 159/Bom/1991 filed on 29-5-1991.

U.K. Priority date 30-5-1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

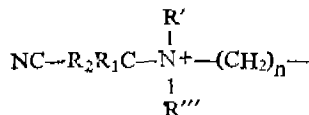
## 13 Claims

A bleaching (detergent) composition comprising a peroxide bleach compound and a cationic peroxyacid bleach precursor, wherein said precursor is a cationic nitrile having the general formula (12) of the accompanying drawings,



wherein  $\text{R}_1$  and  $\text{R}_2$  are each individually H or a substituent group containing at least one carbon atom;  $\text{R}'$  is a straight or branched chain  $\text{C}_1$ - $\text{C}_{24}$  alkyl, alkenyl or alkylether group or  $-\text{CR}_1\text{R}_2\text{CN}$ ;  $\text{R}''$  and  $\text{R}'''$  are each individually a

C<sub>1</sub>-C<sub>4</sub> alkyl or hydroxyalkyl group: or R'' can also be a See copy for mono mater



wherein n is an integer from 1 to about 4; and X<sup>-</sup> is counter-anion selected from the group consisting of 1) R-SO<sub>3</sub><sup>-</sup>, 2) R-SO<sub>4</sub><sup>-</sup>, 3) R-CO<sub>2</sub><sup>-</sup>, wherein R is a straight or branched chain, optionally substituted, alkyl, alkylether or alkylene group containing 4 to 20 carbon atoms, or a phenyl or alkyl phenyl group containing 6 to 20 carbon atoms, and 4) any other surfactant anion not falling under the groups 1), 2) and 3).

(Comp. Specn. 35 pages;

Drwgs. 4 sheets)

Ind. Cl. : 49 I [XV (1)]

172907

Int. Cl. : A 47 J-47/14.

A DEVICE FOR FIRMLY HOLDING TOGETHER, A PLURALITY OF CONTAINER UNITS STACKED ONE ABOVE ANOTHER.

Applicant: EAGLE FLASK INDUSTRIES LTD., AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT EAGLE ESTATE, TALEGAON 410507, DISTRICT PUNE, MAHARASHTRA, INDIA.

Inventor: NAUSHAD ISMAIL PADAMSEE.

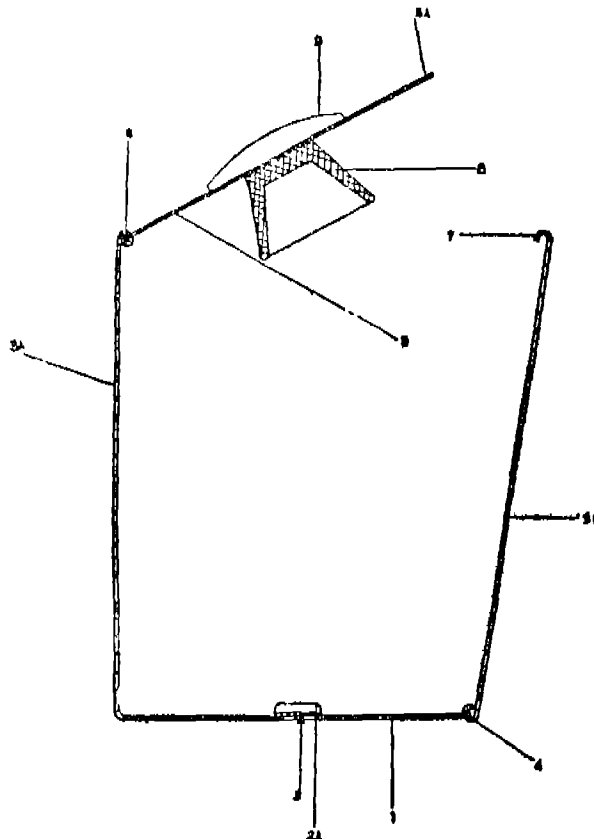
Application No. 177/BOM/91 filed on 17-6-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

## 2 Claims

A device for firmly holding together a plurality of container units stacked one above another consisting of a base member, a cross member located on said base member, both the ends of said cross member being bent upwardly to form upright portions, a pair of vertical members disposed oppositely spaced apart, the lower end of one of said vertical members being rigidly fixed to said base member and the lower end of the other vertical member being hinged to said base member, a transverse member disposed at the upper ends of said vertical members, one end of said transverse member corresponding to the upper end of said one vertical member and hinged to the upper end of said one vertical member and the other end of said transverse member corresponding to the upper end of said other vertical member and provided with a slot, the upper end of said other vertical member being provided with an unwardly directed lip adapted to engage in said slot, a good thermal insulator rubber spring provided on

the lower surface of said transverse member and a good thermal insulator material knob provided on the upper surface of said transverse member.



(Comp. Specn. 7 pages.

Drwgs. 2 sheets)

Ind. Cl. : 183 [LXVI (8)]

172908

Int. Cl. : A 47 G—19/23.

AN INTERLOCKING COLLAPSIBLE CUP UNIT.

Applicants: EAGLE FLASK INDUSTRIES LTD. EAGLE ESTATE, TALEGAON 410 507 DIST. PUNE, MAHARASHTRA, INDIA.

Inventor: NAUSHAD ISMAIL PADAMSEE.

Application No. 195/Bom/1991 filed Jul 5, 1991.

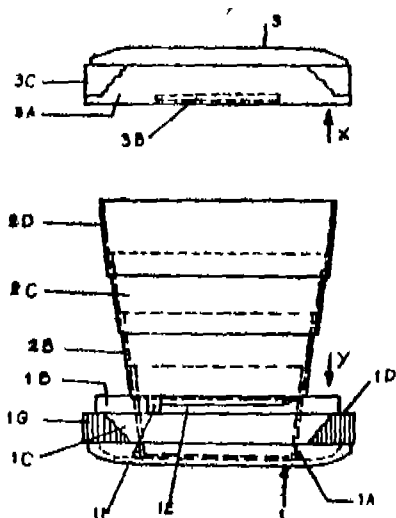
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

## 2 Claims

An interlocking collapsible cup unit consisting of a food grade plastic dished base member provided with an upright collar at the bottom centre thereof and an upright band at the upper end of the peripheral wall thereof defining a land from the outer surface of the peripheral wall thereof, said base member being further provided with a pair of oppositely spaced apart first tapered longitudinal ribs along the outer surface of said upright band and a pair of transverse ridges projecting down from the wide end of said first tapered longitudinal ribs across the outer surface of said upright band, a plurality of food grade plastic cups removably held one over another and adapted to slide one over another, the lower most cup being adapted to be located in said collar and a food grade plastic dished top member, the inner surface of the peripheral wall whereof is adapted to be slide fitted over



said band against said first longitudinal ribs and provided with a pair of oppositely spaced apart second longitudinal ribs along it, the length of said second longitudinal ribs being less than the length of the spacing between said first longitudinal ribs on said band, said second longitudinal ribs registering with said first longitudinal ribs and adapted to lay below and engage against said first longitudinal ribs in the collapsed state of said cup unit with the lower end of the peripheral wall of said top member abutting the said land at the upper end of the peripheral wall of said base member, the outer surface of the peripheral wall each of said base member and top member being provided with knurls



(Comp Specn 10 pages

Drwg 1 sheet)

Ind Cl 32 F3 (b) [IX (1)]  
140 B 3 [K1 (2)]

172909

Int Cl C10G—25/00, 25 02+  
C07C 51/42, 51 47

A PROCESS FOR THE QUANTITATIVE RECOVERY OF NAPHTHENIC ACIDS FROM PETROLEUM REFINERY STREAMS

Applicants INDIAN OIL CORPORATION LIMITED  
AN INDIAN COMPANY OF G-9, ALI YAVAR JUNG  
MARG, BANDRA (E) BOMBAY-400 051 INDIA

Inventors

1. DR AKHILESH KUMAR BHATNAGAR
2. DR DEEPAK KUMAR TULI
3. MR. RAJNISH PIPLANI
4. MR. VIVEKANAND KAGDIYAL
5. DR. MADAN MOHAN RAI
6. MR. NADIMINTI VENTATA RAMANA APPARAO.

Application No. 198/BOM/91 filed on 9-7-91

Appropriate Office for Opposition Proceedings (Rule 4  
Patents Rules 1972) Patent Office Branch, Bombay-13

8 Claims

A process for the quantitative recovery of naphthenic acids from petroleum refinery streams which comprises the following steps,

(i) passing a stream of petroleum refinery stream through an ion exchange resin column having large exchange capacity of not less than 12 milliequivalents per gm of resin

(ii) collecting the stream that has passed through the said resin column as petroleum refinery stream substantially devoid of naphthenic acids

2- 397GI/93

(iii) subjecting the resin column which is loaded with all the absorbed naphthenic acids to a treatment with an organic solvent medium for the absorbed naphthenic acids, said solvent medium comprising a low boiling hydrocarbon and a low boiling alcohol,

(iv) collecting the liquid stream thus obtained from the treatment of said resin column as product liquid containing the said mixture of organic solvents and the recovered naphthenic acids and thereafter subjecting the said liquid stream to a step of distillation to remove the low boiling organic solvent from the liquid mixture and recovering the naphthenic acids as bottom liquid of the distillation column

(Comp Specn 19 pages

Drwg Nil)

Ind Cl 18b [XXX 111 (9)]  
Int Cl B01D, 53/22

172910

THERMALLY STABLE COMPOSITE HYDROGEN-PERMEABLE METAL MEMBRANES

Applicants BEND RESEARCH INC, 64550 RESEARCH  
ROAD, BEND, OREGON 97701, USA

Inventor : DAVID J EDLUND

Application No 230/BOM/1991 filed Aug 8, 1991

Appropriate Office for Opposition Proceedings (Rule 4,  
Patents Rules 1972), Patent Office, Bombay Branch

17 Claims

A nonporous composite metal membrane comprising a hydrogen-permeable base metal and a hydrogen-permeable coating metal characterized in that said base metal and said coating metal are separated by a barrier which prevents inter metallic diffusion between said base metal and said coating metal at a temperature of at least 500°C, said barrier comprising an inorganic proton conductor other than pure metal or a pure metal alloy

(Comp Specn 23 pages

Drwg 1 sheet)

Ind Cl 55 E4 XIX (1)+32 F3 (d) IX (1)  
Int Cl C12 P7/66, 15/00

172911

A PROCESS FOR THE PRODUCTION OF NOVEL ANTIBIOTICS M 901809 AND M901809H FROM A NEW STRAIN OF STREPTOMYCES SPECIES CULTURE NO HIL Y-90, 31665, ITS VARIANTS OR MUTANTS

Applicant, HOECHST INDIA LIMITED, HOECHST  
HOUSE NARIMAN POINT, 193 BACKBAY RECLAMA-  
TION, BOMBAY-400 021, MAHARASHTRA, INDIA, AN  
INDIAN COMPANY

Inventors :

1. DR CHRISTOPHER MOLTON MATHEW FRANCO.
2. DILIP DATASHANKAR UPADHYAY.
3. LOUIS ERNEST LINUS COUTINHO.
4. DR BIMAL NARESH GANGULI
5. DR JURGEN BLUMBACH.
6. DR HANS WOLFRAM FEHLHABER

Application No 57/BOM/91 filed on 26-02-91.

COMPLETE AFTER PROVISIONAL LEFT ON 22 04-92

Appropriate Office for Opposition Proceedings (Rule 4  
Patents Rules 1972) Patent Office Branch, Bombay-13

6 Claims

A process for the production of novel antibiotics M 901809 and M 901809H of the formulae I and II of the drawings accompanying this specification, respectively from a new strain of Streptomyces species culture no HIL Y-9031645 its variant or mutant comprising cultivating said culture its

variant or mutant by fermentation in an aqueous nutrient medium herein described at 20-40°C and pH 6.0 to 9.0 under aerobic conditions and isolating and purifying the and isolating and purifying the antibiotics from the culture broth in known manner.

(Prov. Specn. 19 pages  
(Comp. Specn. 20 pages.

Drwgs. 7 sheets)  
Drwgs 3 sheets)

Ind. Cl. : 80 F, G, C.A. G, (VI)  
167 D Gr. [XXX IV (4)]

172912

Int. Cl.: B04 B-4/00.

**PNEUMATICALLY OPERATED HORIZONTAL VACUUM BELT FILTER FOR SEPARATING SOLIDS AND LIQUIDS FROM SUSPENSION/SLURRY CAPABLE OF DELIVERING CAKE FREE OF LIQUID PHASE.**

Applicants : ADPEC FILTERS (INDIA) PRIVATE LIMITED, 5, POOJA, 493 A-2, SHIVAJINAGAR, PUNE-411016, MAHARASHTRA STATE, INDIA, A PRIVATE LIMITED INDIAN COMPANY DULY REGISTERED AND INCORPORATED UNDER THE COMPANIES ACT.

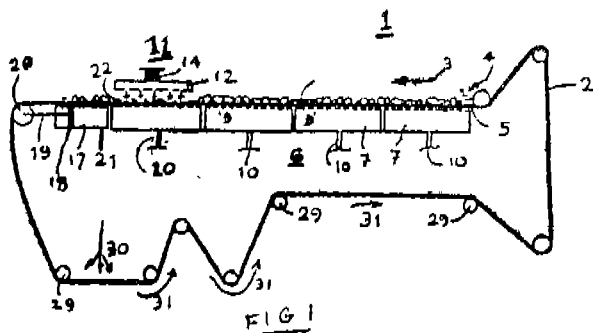
Inventor : ASHOK PURANIK.

Patent Application No. 65/BOM/1991 filed on 07-03-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

#### 1 Claim

Pneumatically operated horizontal vacuum belt filter for separating solids and liquids from a suspension/slurry capable of delivering solid cake free of liquid phase comprising an endless filter belt preferably made of cloth travelling with periodical pause in horizontal direction over a de-watering horizontal trough having a plurality of compartments, upper surface of the said trough being provided with several perforations, an outlet being provided in the bottom of each compartment connected with a vacuum creating means, the last compartment being provided with final de-watering means consisting of a hollow platen having a hole at the upper side, over which there is provided a bellows and pressure exerting hollow flat box, the said platen having a plurality of holes in the bottom surface for passing there through compressed air from a compressed air source with the help of a suitable piping, valves and a pneumatic timer for creating pressure over the dewatered cake and to control the forward movement of the said belt, with the help of a pneumatic cylinder having a piston with piston rod, the free end of the said piston rod being floating anchored with a terminal roller, over which the said belt rolls with the help of a plurality of guide rollers, vacuum means for applying vacuum from below the said belt for extracting the left out quantity of liquid in the material above the belt in the last compartment.



(Comp Specn 5 pages.

Drwg 1 sheet)

Ind. Cl : 189

172913

Int. Cl.: A 61 K 7/075.

#### HAIR TREATMENT COMPOSITION

Applicants : HINDUSTAN LEVER LIMITED HINDUSTAN LEVER HOUSE 165/166 BACKBAY RECLAMATION BOMBAY-400 020.

Inventors : 1. ANDREW MALCOLM MURRAY, AND 2. JOANNE MARGARET DE GROOT

Application No. 245/BOM/91 filed on 29-08-91

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

#### 6 Claims

A hair treatment composition comprising one or more surfactant materials and/or one or more conditioning agents, characterised in that the composition further comprises from 0.00001 to 0.011 by weight of a perfluoropolyether material.

(Comp. Specn. 30 pages

Drwg. Nil)

Ind. Cl.: 17 A2 & 17E.

Int. Cl.: C12 G-1/08.

**AN INTEGRAL YEAST CLARIFIER CUM SEPARATOR FOR FERMENTATION YEAST USED IN THE MANUFACTURE OF ALCOHOL.**

Applicants : RESOURCE PROJECTS INDIA PVT. LTD. SUREKH 1151/B SHIVAJINAGAR, OFF UNIVERSITY ROAD, PUNE-411 016, MAHARASHTRA STATE, INDIA, A PRIVATE LIMITED COMPANY REGISTERED UNDER COMPANIES ACT.

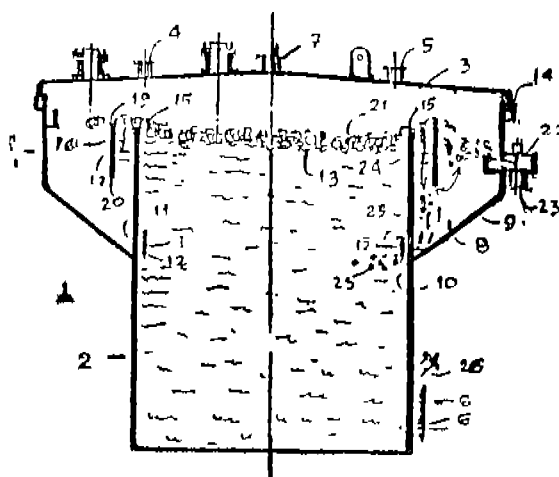
Inventors : 1. CHAISUKH SOBIACHAND GANDHI 2. NAGESH GOPAL WALAME.

Application No. 264/BOM/1991 filed on 13th September 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

#### 2 Claims

Integral yeast clarifier cum separator for fermentation yeast used in the manufacture of alcohol consisting of a fermentation vessel with a tightly fitting cover having a plurality of inlets for admitting molasses, air, nutrients and the like, an outlet for tapping the CO<sub>2</sub> produced as a by-product, another outlet for tapping clear liquid, characterised in that there is provided a circumferential annular cone, the lower end of which is connected from outside to the vertical wall of the said fermentation vessel such that an annular conical gallery is formed around the said vessel and which acts as a collector cum separation module for collecting yeast at the bottom portion carried over by the froth, there are provided on the vertical wall of the said fermentor vessel a plurality of internally opening flaps which open in the fermentor and which are capable of admitting heavier yeast cells which have settled at the lower portion of the said conical gallery.



(Comp. Specn 7 pages

Drwgs 2 sheets)

Ind. Cl.: 20B (XLII) (2)

172915

Int. Cl.: B 41 M, 3/16

**AN IMPROVED PROCESS OF COMPOSING AND PRINTING BRAILLE SCRIPT.**

Applicants: ITR GRAPHIC SYSTEMS PVT. LTD., 64, BUDHWAR PETH, GANPATI CHOWK, LAXMI ROAD, PUNE-411 002, MAHARASHTRA, INDIA.

Inventor: VASANT BHASKAR BHAT.

Application No. 278/BOM 91. Filed on September 26, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Branch, Bombay-13.

**1 Claim**

The improved process of composing and printing Braille script comprising two distinct stages viz. (1) composing and (2) printing characterised in that a computer programme for printing matter in normal form for reading by a person with sight, stored in a floppy, will be converted with the help of a special conversion programme into a computer programme, output of which will be in the form of correspondingly sequential Braille script with the help of a laser printer, the said laser output in Braille is taken as a master for making a screen for screen printing on paper capable of receiving the impression on both sides further characterised in that first impression is obtained on a paper with the help of screen printing process by using normal screen printing ink with little extra tack over which a raising powder is sprayed in excess quantity, the said powder will stick at appropriate markings obtained by screen printing, the said paper is now heated to 60° to 80°C by passing through a heater such that the raising powder melts and settles over the impression made by screen printing process, after cooling the impression will be of raised ink for proper discernment by the blind person.

(Comp. Specn. 7 pages;

Drgs. Nil)

Ind. Cl.: 151 B (XLVIII) (2)

172916

Int. Cl.: B08 B-9/16.

**AN INTEGRATED HYDRAULIC OIL CLEANER.**

Applicant: KIRLOSKAR ELECTRODYNE LIMITED, 118, GENERAL BLOCK, M.I.D.C. BHOSARI, PUNE-411026, MAHARASHTRA STATE, INDIA.

Inventor: MIRASHI SHRIPAD RAJARAM.

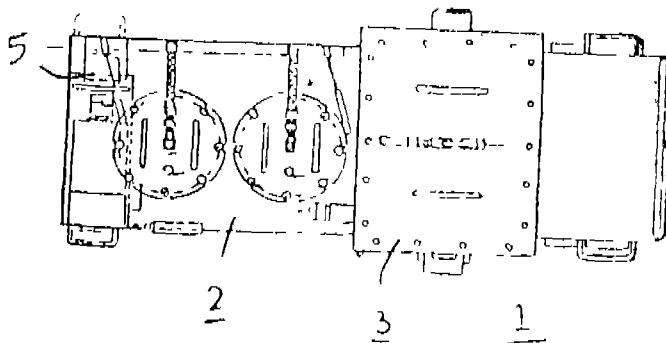
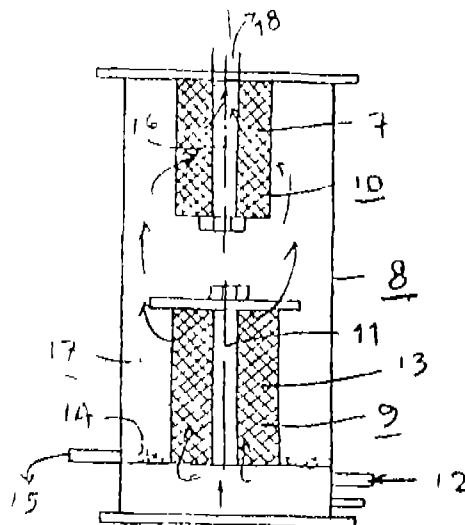
Application No. 293/BOM/91 filed on 08-10-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Branch, Bombay-13.

**1 Claim**

An integrated hydraulic oil cleaner comprising a dehydration module, electrostatic cleaning module with supporting equipments such as oil pump, valve panel, for operating the equipment and electrical control panel; characterised in that the dehydration module comprises a closed chamber having two separately mounted filtering units, lower one having a core for entry of hydraulic oil while the peripheral coalescent is made up of various filtration materials such as felt, the said dehydration module dehydrates the hydraulic oil passing through the said filtering elements by retaining water particles which may be collected from adrain pipe located at the bottom the hydraulic oil further passes on to the second filtration unit placed at little distance above the first one which consists of a core passage for the hydraulic oil to pass through silicon coated paper filtering unit, the hydraulic oil going out of the said dehydration module, is completely free of water which further passes on to the electrostatic cleaning module; further characterised in that the said electrostatic cleaning module consists of plurality of cells provided with electrode, between the electrodes there are provided pleated paper impurity collectors, the said electrodes are provided with high voltage of around 6 to 12 KV so as to maintain potential difference between two adjacent electrodes, while

the oil is passing through the said gap between the electrodes, all impurities get charged due to high voltage which in turn automatically gets attracted towards either of the electrodes depending upon the nature of charge and get collected on the collectors, the oil coming out will thus be absolutely clean.



(Comp. 7 pages.

Drgs. 4 sheets)

Ind. Cl.: 11 (I(2))

172917

Int. Cl.: A 23K-1/02

**A NON-PROTEIN NITROGEN ADDITIVE TO CATTLE FEEDS AND CATTLE FEEDS CONTAINING THE SAME.**

Applicant: HINDUSTAN LEVER LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913, AND HAVING ITS REGISTERED OFFICE AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventor: VIRENDER SINGH SHEOPAIN.

Application No. 322/BOM/91, filed on 29-10-91.

Complete after provisional left on 14-12-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Branch, Bombay-13.

**16 Claims**

A non-protein nitrogen additive to cattle feeds, comprising a non-protein nitrogen compound (NPN compound), starch, a source of sugar and water, wherein the sugar content is at least 20% by weight of the additive, the starch content is at least 1% by weight of the additive, the NPN compound content is 5-20% by wt. expressed in terms of its nitrogen content and the starch is at least partially gelatinised.

(Prov. Specn. 18 pages.

Drg. Nil)

(Comp. Specn. 23 pages

Drg. Nil)

Ind. Cl.: 206 E (LXII)

172918

172 F (XX)

Int. Cl.: D 01 b, 13/00.

AN IMPROVED 3—DIMENSIONAL GRAPHIC DISPLAY SYSTEM FOR TEXTILE TESTING INSTALLATIONS.

Applicant: M/S. STAR HOLDINGS ELECTRONICS RESEARCH PVT. LTD. OF 78/2, G.I.D.C. MAKAR-PURA BARODA-390 010, GUJARAT, INDIA.

Inventor: MR. PREM PAL SINGH ARYA AND MR. MAHESH LALLUBHAI PATEL.

Application No. 51/Bom/1991 filed on February 12, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patents Office Branch, Bombay.

## 2 Claims

An improved 3—Dimensional graphic display system for textile testing installations comprising analog and digital input terminal to be led to add-on PCB, comparator cum-interface unit which in turn to be connected to a PC with a colour monitors and key-boards and finally connected to a Dot Matrix Printer to provide hard copies, characterised in that the said add-on PCB comparator cum-interface unit has mainly a buffer circuit to receive main menu inputs and AD convertor to receive the analogy test input data and to convert into digital values coupled to parallel peripheral interface unit to provide PPI control signal to PC through data-buffer and control generator circuits.

(Comp. Specn. 7 pages;

Drgs. 3 sheets)

Ind. Cl.: 45 G 3

172919

Int. Cl.: A 47 K—11/00.

A FLOAT VALVE FOR POT CHLORINATOR.

Applicants & Inventors: VIVEKANAND SRIPAD BAL-SEKAR & NANDKUMAR DATTARAM HEBLE BOTH INDIAN NATIONALS OF 1/SANKALPITA, PLOT NO. 600, 16TH ROAD, BANDRA (W) BOMBAY-400 050, MAHARASHTRA, INDIA.

Application No. 90/BOM/92 filed on 20-03-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

## 6 Claims

A float valve for pot chlorinator consisting of a cup carrying on O-sealing ring and a central tapped opening fitted with a float valve assembly and forming a lid or top cover adapted to get press fitted to the collar of a pot chlorinator and wherein said float valve assembly comprises a combination of a float cup fitted at its bottom center with a bucket shaped valve head having a downwardly extending stem carrying a plurality of axially spaced flutes/grooves/slots or a combination of dimples each being extended downwardly to form flute/groove/slot forming guide for free flow of water therealong when said valve is opened and bottom end face thereof carrying a tapped hole for fixing thereto a plug after said stem being passed through a valve seat comprising a hollow bolt carrying a bucket shaped central opening extended downwardly along one plane to form a passage and respectively forming a seat for said bucket shaped valve head and stem therefor slidably mounted therewithin and closed by said plug such that under hydraulic pressure exerted on said float cup on submerged pot chlorinator said valve opens to permit free flow of water therethrough into said pot chlorinator and said valve automatically shuts off water flow the moment hydraulic pressure is released by tank water level going down below said float cup.

(Com. Specn. 12 pages.

Drg. 1 sheet)

Ind. Cl.: 136 A (XIII)

172920

Int. Cl.: B 29 B, 7/14.

AN IMPROVED DEVICE AND METHOD FOR CIRCULATING THE HOT GELATINE LIQUID IN A DIP BATH OF AN AUTOMATIC DIP MOULDED CONTAINER MANUFACTURING PLANT.

Applicants: SCITECH CENTRE 131, KANDIVLI INDUSTRIAL ESTATE, KANDIVLI (WEST), BOMBAY-400 067 MAHARASHTRA, INDIA. AN INDIAN COMPANY INCORPORATED UNDER COMPANIES ACT, 1956.

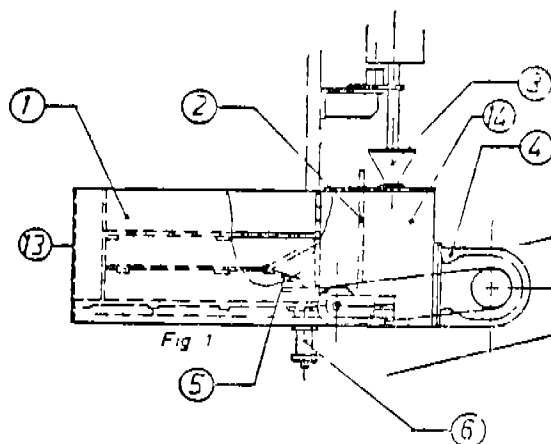
Inventor: MR. PRAKASH HARISHCHANDRA DESHMUKH.

Application No. 94/BOM/92 filed on 27-03-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

## 6 Claims

An improved device for circulating the hot gelatine/liquid in a dip bath of an automatic dip moulded container manufacturing plant comprising a gear pump provided in gear pump chamber at one end of the liquid holding chamber/bath, the said bath consisting of an upper chamber and a lower chamber, the said upper and lower chambers being opened and closed with the help of a flap gate actuated by an air cylinder at predetermined intervals, a heating means provided below the said lower chamber for uniformly heating the liquid being circulated in the bath, a water pipe for adding water and a funnel for adding liquid being provided in the said gear pump chamber arrangement being such that at the time of dipping of the pin moulds in the pin mould dipping one, above the said upper chamber, the flap gate closes the upper chamber thereby achieving stabilised condition of liquid in the bath would dipping zone and when the pin moulds are retracted after dipping in the liquid the flap gate closes the lower chamber allowing the liquid to circulate through the upper chamber.



(Comp. Specn. 8 pages.

Drgs. 2 sheets)

Cl.: 39 G, 143 D-4

172921

Int. Cl.: A 61 K 31/79; A 01 N 59, 12;  
B 65 D 81/00; B 29 D 23/00.

METHOD OF STABILIZING PACKAGED IODO-PHOR.

Applicant: EUROCELTIQUE S.A. OF 122 BOULEVARD DE LA PETRUSSE, LUXEMBOURG.

Inventors:

- (1) DILEEP BHAGWAT.
- (2) OLIVER INY.
- (3) FRANK PEDI JR.

Application No. 718/Cal/89; filed on 31st August 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

## 8 Claims

Method of stabilizing packaged iodophor and minimizing leaching of iodine from organic iodophor solution through packaging containing the same, comprising the steps of introducing, into the packaging, additional in an amount of between 0.01%—4.0% by wt. of the iodophor solution to improve stability of the iodophor and minimize leaching of iodine through said packaging.

(Comp. Specn. 60 pages.

Drngs. Nil)

Cl.: 32 E; D

172922

Int. Cl.4: C 08 F 4/52; 4/64.

# PROCESS FOR POLYMERISING PROPYLENE TO PRODUCE SYNDIOTACTIC POLYPROPYLENE.

Applicant: FINA TECHNOLOGY, INC. OF DALLAS, TEXAS 75221, U.S.A.

Inventor: JOHN, A. EWEN.

Application No. 719/Cal/89; filed on 31st August 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

## 11 Claims

A process for polymerizing propylene to form syndiotactic polypropylene, the process comprising:

(a) selecting at least one metallocene catalyst described by the formula  $R''(CpRn)(CpRm)MeOk$  wherein each CP is a cyclopentadienyl or substituted cyclopentadienyl ring; each Rn is the same or different and is a hydrocarbyl radical having 1-20 carbon atoms; each R'm is the same or different and is a hydrocarbyl radical having 1-20 carbon atoms; R'' is a structural bridge between the Cp rings imparting stereorrigidity to the catalyst; Me is a group 4b metal from the periodic table of elements; each Q is a hydrocarbyl radical having 1-20 carbon atoms or is a halogen; K—2; O-n-4; 1-m-4; and wherein R'm is selected such that  $(CpR'm)$  is a sterically different ring than  $(CpRn)$ ;

(b) precontacting the metallocene catalyst with a co-catalyst at a mole ratio of co-catalyst: catalyst from about 60:1 to about 15600:1, wherein the co-catalyst is selected from alumoxanes represented by the general formula  $(R-AL-O)$  in the cyclic form and  $R(R-AL-O)_2-AL(R)_2$  in the linear form wherein R is an alkyl group with one to five carbon atoms and n is an integer from 1 to about 20.

(c) introducing the catalyst into a polymerization reaction zone containing a propylene monomer and maintaining the reaction zone under polymerization reaction conditions as herein described wherein the syndiotactic polypropylene has a polymer chain with a microstructure which consists of blocks of repeating racemic (r) dyads being connected predominantly by units consisting of a meso triad (mm).

(Comp. Specn. 32 pages.

Drngs. 4 sheets)

Cl.: 65 A4 A2.

172923

Int. Cl.4: H 02 M 7/42.

# AN IMPROVED THREE-PHASE PULSE WIDTH CONTROLLED SEMI-CONVERTER.

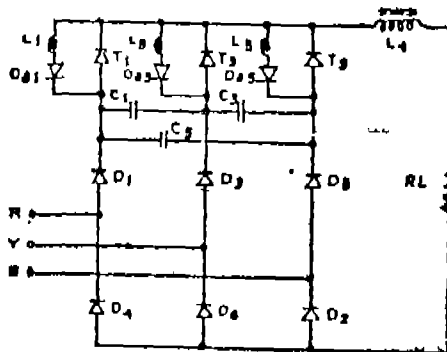
Applicant & Inventor: SUJIT KUMAR BISWAS OF 10, DOCTOR SURESH SARKAR ROAD, CALCUTTA-700014, WEST BENGAL, INDIA.

Application No. 835/Cal/89; filed on 26th December 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

## 2 Claims

An improved three phase pulse width controlled semi-converter comprising a three-phase rectifying bridge circuit having three controlled turn-off power switches and six diodes, three of the said diodes being positioned and arranged to operate as reverse blockings, and the said turn-off power switches being thyristors, forcibly commutated by a set of capacitors, inductors and auxiliary diodes, or the said power switches being transistors which do not require the commutating power components or GTO transistors which do not require either commutation power components or reverse blocking diodes.



(Compl. Specn. 13 pages.

Drg. 1 sheet)

(Provn. Specn. 9 pages.

Drg. 1 sheet)

Cl.: 155 A.

172924

Int. Cl.: B 32 B 27/08.

# FILM LAMINATE WITH EASY TO TEAR.

Applicant: DU PONT CANADA INC. OF BOX 2200 STREETSVILLE, MISSISSAUGA, ONTARIO, CANADA L5M 2H3, CANADA.

Inventors:

(1) THEODORE JOHN LANG.

(2) KEVIN BERGEVIN.

Application No. 965/Cal/89; filed on 21st November 1989.

(Conventional No. 88-28349; dated 05-12-1988; U.K.).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

## 9 Claims

A transversely tearable laminate comprising a linear low density polyethylene film, oriented in the machine direction below its melting temperature, a substantially unoriented sealant film laminated onto at least one side of said oriented film, the sealant film having an Elmendorf tear in the machine direction of at least about 2 g/um, and the selection of said oriented film and said sealant film being made on the basis that:

$K \cdot X$  (1Y)  $KX$  (1-Y),

wherein

K is a factor defined as  $(1-Y)/X$ , and empirically determined so as to make the above expression true for laminates which will tear more easily and consistently in the transverse direction and false for other lamination, said factor depending on the properties of the oriented film and the sealant film,

X is the thickness of all layers of sealant film in micrometers,

X is the thickness of all layers of sealant film in micrometers at which there is a change in the tearing property

of the laminate from the machine direction to the transverse direction,

$$Y = (MD_0) / (TD_0).$$

$MD_0$  is the Elmendorf tear strength, in the machine direction, of the oriented film, measured in grams, and  $TD_0$  is the Elmendorf tear strength, in the transverse direction, of the oriented film, measured in grams.

(Compl. Specn. 29 pages.

Drngs. 3 sheets)

Cl.: 40 A; 40 B; 39 G; 32 F 1

172925

Int. Cl.: B 01; 27/12; 27/125; 37/26

C 07 C 17/00.

**PROCESS FOR ISOMERIZING SATURATED  $C_2$  TO  $C_8$  FLUOROHYDROCARBONS HAVING LESSER THERMODYNAMIC STABILITY TO FLUOROHYDROCARBONS HAVING GREATER THERMODYNAMIC STABILITY.**

**Applicant:** E.I. DU PONT DE NEMOURS AND COMPANY OF WILMINGTON DELAWARE UNITED STATES OF AMERICA.

**Inventors:**

(1) LEO ERNEST MANZER.

(2) VELLIYUR NOTT MALLIKARJUNA RAO.

Application No. 1058/Cal/89; filed on 22nd December 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

#### 12 Claims

A process for isomerizing saturated  $C_2$  to  $C_8$  fluorohydrocarbons having lesser thermodynamic stability to fluoro-hydrocarbons having greater thermodynamic stability comprising;

contacting in the gaseous phase at a temperature from about 200°C to about 475°C at least one  $C_2$  to  $C_8$  saturated fluorohydrocarbon with a catalyst composition comprising fluorine in such proportions that the fluorine content of the composition corresponds to an  $AlF_3$  content of at least 50% by weight of the catalyst composition and the remainder of the composition includes alumina and/or aluminium oxy-fluoride.

(Compl. Specn. 16 pages.

Drngs. Nil)

Cl.: 53 A. 95 D, 205 G.

172926

Int. Cl.: B 62 J, 23/00.

**"CYCLE TYRE TOOL".**

**Applicant:** KALMSON PTY. LTD. OF 1 BROOK ROAD, SEAFORTH, NEW SOUTH WALES, 2092, COMMONWEALTH OF AUSTRALIA.

**Inventor:** JOHN EDWARD GIBSON.

Application No. 226/Cal/90; filed on 19th March 1990.

(Convention No. PJ3792), dated 19-04-1989; Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

#### 2 Claims

A cycle tyre tool for removing tyres from cycle wheels consisting of a handle, a shaft or sleeve rotatable relative to the handle and projecting therefrom and, at the free end of the shaft or sleeve, a roller member shaped and constructed for insertion between the bead of a cycle tyre and the rim of

a cycle wheel and engagement with the bead, the roller member being freely rotatable in relation to both the sleeve and the handle.

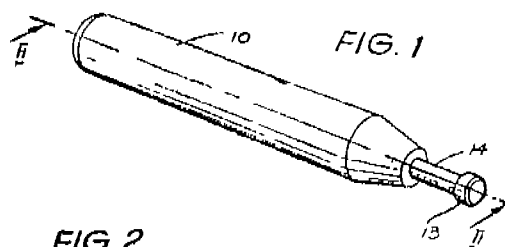
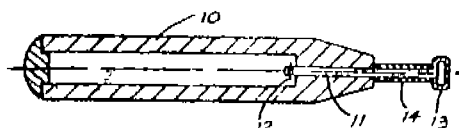


FIG. 2



(Compl. Specn. 5 pages

Drngs. 1 sheet)

Cl.: 128 A.

172927

Int. Cl.: A 61 F 13/00, 13/20.

**A METHOD FOR MAKING AN IMPROVED ABSORBENT PRODUCT.**

**Applicant:** MCNEIL-PPC, INC. OF VAN LIEW AVENUE, MILLTOWN, NEW JERSEY 08558, UNITED STATES OF AMERICA.

**Inventor:** SUSAN BROWN-SKROBOT

Application No. 744/Cal/91; filed on 04th October 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

#### 23 Claims

A method for making an improved absorbent product such as tampon, sanitary napkin, wound dressing, nasal product which comprises treating an absorbent material in a known manner with a compound being monoesters and/or diesters of a polyhydric aliphatic alcohol such as herein described and a fatty acid containing from eight to eighteen carbon atoms and wherein said monoester has at least one hydroxyl group associated with its aliphatic alcohol residue; the said treatment being effected with an amount of the said compound which is at least 0.1% based on the weight of said absorbent material to inhibit the production of Enterotoxin A, Enterotoxin B or Enterotoxin C by *Staphylococcus aureus* bacteria when said product is exposed to said bacteria.

(Compl. Specn. 51 pages.

Drngs. Nil)

Cl.: 32 F 4

172928

Int. Cl.: C 07 C 143/02.

**PROCESS FOR PREPARING ALKANESULPHONIC ACID.**

**Applicant:** ELF ATOCHEM NORTH AMERICA, INC. OF THREE PARKWAY, PHILADELPHIA, PENNSYLVANIA 19102, UNITED STATES OF AMERICA.

**Inventors:**

(1) ALTAF HUSAIN

(2) GREGORY ALAN WHEATON

Application No. 913/Cal/91; filed on 9th December 1991

(Divided out of No. 864/Cal/88; antedated to 17th October 1988).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

## 7 Claims

A process for preparing alkanesulfonic acid comprising contacting with hydrogen peroxide a mixture of a dialkyldisulfide with an aqueous hydrochloric acid solution to produce the corresponding alkanesulfonic acid, said hydrogen peroxide being in the form of an aqueous solution at a concentration ranging from 3 to 90 percent based on the weight of the solution, the concentration of hydrogen chloride being from 10 to 38 percent based on the weight of the aqueous hydrochloric acid the reaction being effected at a temperature of between 0 to 60°C and the amount of hydrogen chloride used ranging from 2 to 20 moles for each mole of dialkyldisulfide.

(Compl. Specn. 14 pages.

Drngs. Nil)

Cl. : 89

172929

Int. Cl. : G 01 B 11/14.

"OPTICAL ENCODER".

Applicant : MITUTOYO CORPORATION OF 31-19, SHIBA 5-CHOME, MINATO-KU, TOKYO 108, JAPAN.

Inventor : SOUJI ICHIKAWA.

Application No. 48/Cal/92; filed on 27th January 1992.

(Divided antedate No. 118/Cal/89; antedated to 8th February 1989).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

## 5 Claims

an optical encoder comprising :

a first scale fixed to one of two relatively movable members and formed with a first grating;

the other of the two relatively movable members including a light source for emitting an uncollimated illuminating light, a second scale formed with a second grating for partially shielding the illuminating light from the light source and illuminating the first grating; a third scale formed with a third grating for further restricting the illuminating light which has been restricted by the second and first gratings; and a light receiving element for detecting the illuminating light which has been restricted by the first and third gratings;

wherein a relative displacement between the relatively movable members is detected from a periodic variation of a detection signal from said light receiving element, and

a pitch P2 of the second grating is set at a value larger than a pitch P1 of the first grating and length of a light transmitting portion of the second grating is set at a value smaller than or equal to the length of the pitch P1 of the first grating and a length of a light shielding portion of the second grating is set at a value greater than the length of the light transmitting portion of the second grating to improve a signal to noise ratio of the detection signal, and the pitch P2 of the second grating, a pitch P3 of the third grating, a grating gap u between the first grating and the second grating, and a grating gap v between the first grating and the third grating are set at values to further satisfy the relationship represented by the following formulae, thereby detecting a grating image according to the diffractive system :

$$P2 < ((u+v)/v) \cdot m2, P1/2 < P1 - (1).$$

$$P3 < ((u+v)/u) \cdot n2, P1/2 < (2).$$

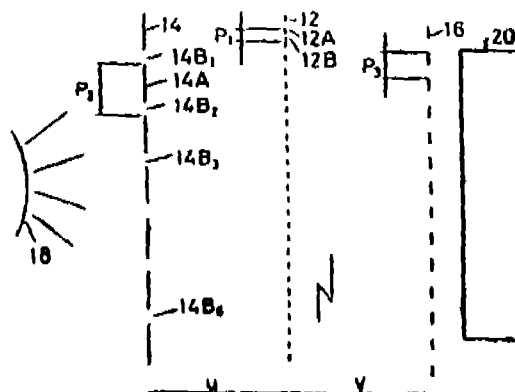
Length of light portion of second grating  $\leq$  length of pitch P1 of first grating—(3).

$$v \leq uP1^2 / (\leq -1P1^2) - (4).$$

(in the case of transmission type)

where, m2 is a positive integer larger than 1, and it is preferable that n2 is a positive odd number larger than 1, and n is an effective wave length of the illuminating light

FIG. 1



(Compl. Specn. 21 pages

Drngs. 9 sheets)

Cl. : 32 F2

172930

Int. Cl. : C 07 D 209/82 209/86

"A PROCESS FOR THE PREPARATION OF 12-(1-N-HEXYL-3, 7-DIMETHOXY-6-METHYL CARBAZOL-2-YL) -11-METHYL DO-DECANOIC ACID".

Applicant & Inventor : PIJUSH KANTI DUTTA OF 116/1, VIVEKANANDA COLLEGE ROAD, CALCUTTA-700 063, WEST BENGAL, INDIA.

Application No. 771/Cal/92; filed on 22nd October 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta

## 6 Claims

A process for the preparation of 12-(1-N-Hexyl-3, 7-dimethoxy-6-methyl carbazol-2-yl) -11-methyl do-decanoic acid of the structural formula I as shown in the accompanying drawings which process comprises reacting 2, 6-dimethoxy 3-methyl carbazole of formula II as shown in the drawings with cyclopropane derivative of formula III as shown in the drawings in the presence of yogurt, the reaction being carried out between room temperature and 60°C and finally completing the reaction at -40°C when the product is lyophilised, wherein said cyclopropane derivative is prepared from lactobacillus bulgaricus and L-acidophilus in yogurt by mixing fatless milk powder with water and boiling the mixture till its density becomes 12 gm/ml, cooling the liquid to 40°C, adding to it lactobacillus acidophilus and maintaining the temperature of the liquid at 60°C for 24 hours and finally cooling the product to room temperature.

(Compl. Specn. 8 pages

Drngs. 1 sheet)

## OPPOSITION PROCEEDINGS UNDER

## SECTION—25

An Opposition entered by M/S ESBI TRANSMISSIONS PVT. LTD., CALCUTTA to the grant of a Patent on Application for Patent No. 167530 (21/BOM/1989) made by MR. DEORAM KHANDUJI THORAT, AHMEDNAGAR, MAHARASHTRA as notified in the Gazette of India, Part III, Section 2 dated 17th May 1993 succeeded and the grant of a Patent therein refused.

## PATENT SEALED

ON 03-12-1993

170995 171004 171005 171017 171019 171058 171081\*  
 171093 171110\*D 171126 171132 171134 171135\* 171136  
 171151 171183\* 171220 171256 171258 171260 171279  
 171290\*D 171327 171328\* 171329\* 171385 171386\* 171387  
 171393 171394 171397 171400 171402\* 171404 171406  
 171408 171409 171410\* 171414 171415.

CAL—15, MAS—04, BOM—06, DEL—15.

\*Patent shall be deemed to be endorsed with the words  
 LICENCE OF RIGHT Under Section 87 of the Patents Act,  
 1970 from the date of expiration of three years from the date  
 of Sealing.

D—DRUG PATENT, F—FOOD PATENT.

## RENEWAL FEES PAID

152307 152308 152309 152572 152573 153451 153576 154237  
 154240 154401 154418 154505 154511 154609 154620 154870  
 154905 155132 155477 155573 155609 155698 156543 156784  
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## CESSATION OF PATENTS

161774 161787 161792 161796 161809 161838 161843 161857  
 161858 161883 161900 161903 161904 161929 161935 161958  
 161959 161964 161968 161976 161977 161985 162001 162002  
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 162103 162124 162126 162147 162148 162198 162200 162203  
 162204 162216 162230 162232 162242 162251 162270 162283

## REGISTRATION OF DESIGN

The following design have been registered. They are not  
 open to inspection for a period of two years from the date  
 of registration except as provided for in Section 50 of the  
 Designs Act, 1911.

The date shown in the entries is the date of registration in  
 the entry.

Class 1. Nos. 164775 & 164776. Polar Fan Industries Ltd.  
 of Poddar Point, 113, Park Street, 8th floor, Cal-  
 cutta-700016, W.B., India, Indian Company. "Ceil-  
 ing Fan". September 9, 1992.

Class 1. No. 164818. Shriram Industrial Enterprises Ltd. of  
 Surya Kiran Bldg., 19-Kasturba Gandhi Marg,  
 New Delhi-110001, India, Indian Co. "Valve  
 Plate". September 25, 1992.

Class 1. No. 164956. Karm Home Appliances Pvt. Ltd.,  
 Indian Co. of C1 5A, Model Town, Delhi-  
 110009, India. "Food Warmer". November 11,  
 1992.

Class 1. No. 165111. Ellsworth Forrest Jones, an American  
 of N.8311 Standard, Spokane, WA 99208, U.S.A.,  
 "Brake system regulator". December 15, 1992.

Class 1. No. 165121. V. K. Manufacturing Co. of 137, New  
 Colony, Gopal Nagar, Jalandhar City, Punjab,  
 India. "Pad Lock". December 18, 1992.

Class 1. No. 165191. Tokai Corporation of Japanese  
 Corporation of 2181-7, Enokiyato, Kitashassaku-cho,  
 Midori-ku, Yokohama-shi, Kanagawa-ken, Japan.  
 "Igniter". January 13, 1993.

Class 1. No. 165215. Sony Kabushiki Kaisha trading as Sony  
 Corporation a Japanese Corporation of 6-7-35,  
 Kitashinagawa, Shinagawa-Ku, Tokyo 141, Japan.  
 "Rechargeable Battery". January 25, 1993.

Class 1. No. 165200. Sivanesan & Co., "Waikiki Complex",  
 289, Purasawalkam High Road, Madras-600007,  
 T.N., India, Indian Partnership Firm. "Casse-  
 role". January 1, 1993.

Class 1. No. 165395. Mul-T-Lock Ltd., an Israel Company  
 of Southern Industrial Zone, Yavne-70 653, Is-  
 rael. "Car Transmission Lock". March 2,  
 1993.

Class 1. No. 165408. The Thermos Company, an American  
 Company of City of Freeport, State of Illinois,  
 U.S.A. "Barbecue grill having stabilizers". March  
 9, 1993.

Class 1. No. 165427. Nissei ASB Machine Co. Ltd., a Japa-  
 nese Corpn. of 4586-3 Koo, Komoro-shi, Naga-  
 on-ken, Japan. "Bottle carrying tool". March  
 15, 1993.

Class 1. No. 165459. Scialanga Luigi of Piazzale della Can-  
 celleria 85, Roma, Italy, Italian. "Ornament".  
 March 24, 1993.

Class 1. No. 165460. Scialanga Luigi of Piazzale della Can-  
 celleria 85, Roma, Italy, an Italian citizen. "Orna-  
 ment". March 24, 1993.

Class 1. No. 165474. Chelpark Company Pvt. Ltd., an  
 Indian Company of A-93, Industrial Estate, Raja-  
 jinagar, Bangalore-560044, Karnataka, India. "In-  
 strument Box". March 29, 1993.

Class 1. No. 165517. Rajendra Metal Works, Indian partner-  
 ship Firm of 27, Hari Nagar, Aligarh 202001,  
 U.P., India. "Handle". April 13, 1993.

Class 1, No. 165518. —do—. "Knob". April 13, 1993.

Class 1. No. 165610. Peico Electronics & Electricals Ltd. of  
 Shivsagar Estate, Block 'A', Dr. Annie Besant  
 Road, Worli, Bombay-400018, Maharashtra,  
 India, Indian Co. "Integral Floodlight". May 3,  
 1993.

Class 1. No. 165919. Vinodrai Vandravandas Barcha, Indian  
 of 'Vandhna', 5-A, Panchvati Society, Rajkot-  
 360001, Gujarat, India. "Wick Stove". July  
 22, 1993.

Class 1. No. 166236. Sunrise Products Industries, a partner-  
 ship Firm of 9/104, Yamuna Bridge, Agra,  
 U.P., India. "Bend". September 22, 1993.

Class 1. No. 166237. —do—. "Reflex valve". September  
 22, 1993.

Class 3. No. 164827. Tokyo Plast, Tokyo House, 9/49,  
 Marol Co-operative Industrial Estate, Off M.V.  
 Road, Sakinaka, Andheri (E), Bombay-400059,  
 Maharashtra, India. "Casserole". September 28,  
 1992.

Class 3. No. 164884. Jainson Electro Industries, 128,  
 Kishanpura, Maya Bazar, 1st floor, Indore-  
 452004, M.P., India, Proprietary concern. "Plas-  
 tic seal". October 13, 1992.

Class 3. No. 164928. Polyset Products Private Ltd. of 2503-  
 6, GIDC, Halol 389350, Dist. Panchmahals, Guja-  
 rat, India. "Ice Box". November 3, 1992.

Class 3. Nos. 164945 to 164947. Shah Engineering Daya-  
 sagar, Bhayander (E), Dist. Thane, 401105, Maha-  
 rashtra, India, Partnership Firm. "Clip". No-  
 vember 9, 1992.

Class 3. No. 165348. Lakhnapal Ltd., Indian Co. of  
 Ashyana, 15th Road, Khar, Bombay-400052,  
 Maharashtra, India. "Torch". February 16,  
 1993.



- Class 3.** No. 164955. Karm Home Appliances Pvt. Ltd., Indian Company of C1/5A, Model Town, Delhi-110009, India. "Wall Mounted Fan". November 11, 1992.
- Class 3.** No. 165002. Milton Plastics Ltd. of 58D, Government Industrial Estate, Charkop, Kandivli (W), Bombay-400067, Maharashtra, India. "Feeding cup". November 17, 1992.
- Class 3.** No. 165003. —do—. "Feeding cup with nipple". November 17, 1992.
- Class 3.** No. 165004. —do—. "Warm Keeping plate". November 17, 1992.
- Class 3.** No. 165030. Sarishta Jaggi, E-38, Greater Kailash, Part-II, New Delhi-110048, Indian. "Bottle". November 24, 1992.
- Class 3.** No. 165053. Eastern Medikit Ltd. Indian Company of 3, Dr. G. C. Narang Marg, Delhi, India. "Teflon Catheter". November 27, 1992.
- Class 3.** No. 165054. Eastern Medikit Ltd., Indian Company of 3, Dr. G. C. Narang Marg, Delhi, India. "I.V. Cannula with capped injection valve". November 27, 1992.
- Class 3.** No. 165074. Dabur India Limited, Indian Company of 22-Site-IV, Sahidabad, Ghaziabad, U.P., India. "Tooth Brush". December 9, 1992.
- Class 3.** No. 165145. Hindustan Vacuum Glass Ltd., Sanskriti Bhawan, Jhandewalan, New Delhi-110055, India. "Vacuum Flask (Thermos)". December 28, 1992.
- Class 3.** No. 165159. Schoeller-Plast Ag of 11 route de la condemine, CH-1680 Romonti, Switzerland. "Bottle case". January 1, 1993.
- Class 3.** No. 165160. —do—. "Bottle Gase". January 1, 1993.
- Class 3.** No. 165172. Kotak Industries, M.S. Bldg., No. 13, Room No. 456, Chembur Colony, Bombay-400074, Maharashtra, India, Indian Proprietary firm. "Cutting Machine". January 6, 1993.
- Class 3.** No. 165197. Dr. Parankusam Venkata Prabhakar Rao, Indian of V.F. 214, K.M.C. Quarters, Manipal-576119, S. Ganara, Karnataka, India. "Airway device for medical purpose". January 14, 1993.
- Class 3.** No. 165201. S. Sivanesan & Co., "Waikiki Complex", 289, Purasawalkam High Road, Madras-600007, T.N., India, Indian Partnership Firm. "Casserole". January 1, 1993.
- Class 3.** No. 165203. Padma Industrial Corporation, Indian Partnership Firm of 41, Nelson Manickam Road, Aminjikarai, Madras-600029, T.N., India. "Water Sprinkler". January 19, 1993.
- Class 3.** No. 165208. Transaktor International Kommanditbolag, Swedish Company of P.O. Box 52055, SE-40025, Goteborg, Sweden. "Emergency Water bottle". January 21, 1993.
- Class 3.** No. 165210. Taparia Tools Ltd., Indian Company of 20, Shaheed Bhagat Singh Road, Fort, Bombay-400023, Maharashtra, India. "Screw Driver". January 21, 1993.
- Class 3.** No. 165214. Sony Kabushiki Kaisha (Sony Corporation) of 6-7-35, Kitashinagawa, Shinagawa-ku, Tokyo 141, Japan. "Rechargeable Battery". January 25, 1993.
- Class 3.** No. 165240. Regaul Chemical Industries of 26/406, Raja Street, Coimbatore-641001, T.N., India, Indian Partnership Firm. "Bottle". February 1, 1993.
- Class 3.** No. 165284. Tata Tea Ltd. of 1 Bishop Leffroy Road, Calcutta, W.B., India, Indian Company. "Pouch". February 8, 1993.
- Class 3.** No. 165286. Eureka Forbes Ltd. of K-309, 1st Main Road, 5th Block, Koramangala, Bangalore-560095, Karnataka, India, Indian Company. "Baik Pack Vacuum Cleaner". February 9, 1993.
- Class 3.** No. 165288. Eureka Forbes Ltd. of K-309, 1st Main Road, 5th Block, Koramangala, Bangalore-560095, Karnataka, India, Indian Co. "Wet and Dry Vacuum Cleaner". February 9, 1993.
- Class 3.** No. 165289. MK Electric Ltd. of Shrubbery Road, Edmonton, London N9 OPB, United Kingdom. "Full Face". Priority date August 19, 1992 (UK).
- Class 3.** No. 165290. —do—. "High Current Switch". Priority date August 19, 1992 (UK).
- Class 3.** No. 165292. —do—. "2 Gang switch socket outlet". Priority date February 9, 1993 (UK).
- Class 3.** No. 165293. —do—. "1 Gang switch socket outlet". Priority date February 9, 1993 (UK).
- Class 3.** No. 165325. Milton Plastics Ltd. of 58D, Govt. Industrial Estate, Charkop, Kandivli (W), Bombay-400067, Maharashtra, India. "Mild Mixer". February 12, 1993.
- Class 3.** No. 165343. N. V. Philips' Gloeilampenfabrieken at Groenewoudseweg 1, Eindhoven, The Netherlands. "Lamp". Priority date December 9, 1992 (UK).
- Class 3.** No. 165349. Lakhansal Limited, Indian Company of Ashvina 15th Road, Bombay-400004, Maharashtra, India. "Torch". February 16, 1993.
- Class 3.** No. 165365. Gauri Shankar and Raghuvir Singh, Indian of C-76, Gali No. 8, Braham Puri, Delhi-110053, India, trading as Glow-well. "Children's walker". February 17, 1993.
- Class 3.** No. 165436. Hindustan Lever Ltd. of 165/166, Baikhy Reclamation, Bombay-400020, Maharashtra, India. "Cosmetic capsule". March 18, 1993.
- Class 3.** No. 165458. Geep Industrial Syndicate Ltd. of 28, South Road, Allahabad-211001, U.P., India, Indian Co. "Torch". March 23, 1993.
- Class 3.** No. 165504. Philips Electronics N.V. of Groenewoudseweg 1, Eindhoven, The Netherlands. "Sandwichmaker". April 7, 1993.
- Class 3.** Nos. 165582 & 165583. Kabushiki Kaisha Risuron of 3-5, Nishiikebukuro 1-chome, Toshima-ku, Tokyo, Japan. "Door Mat". April 26, 1993.
- Class 3.** Nos. 165592 & 165593. Devi Polymers Pvt. Ltd. of 48, Anna Salai, Madras-600002, T.N., India, Indian Co. "Water Tank Panel". April 28, 1992.
- Class 3.** No. 165596. Philips Electronics N.V. of Groenewoudseweg 1, Eindhoven, The Netherlands. "Rice Cooker". April 29, 1993.
- Class 3.** No. 165602. The Goodyear Tire & Rubber Company of 1144 East Market Street, Akron, Ohio-44316-0001, USA. "Tyre for tractor". May 3, 1993.
- Class 3.** Nos. 165807 to 165809. Standipack Private Ltd. of 25, Community Centre, East of Kailash, New Delhi-110065, India, Indian Co. "Pouch". June 28, 1993.

- Class 3. Nos. 165822 & 165823. Shilpa Plast (India) Pvt. Ltd., 340, Belgium Tower, Delhi Gate, Ring Road, Surat-395003, Gujarat, India. "Tooth brush". June 30, 1993.
- Class 3. No. 165917. Pieco Electronics and Electricals Ltd. of Shivsagar Estate, Block 'A', Dr. Annie Besant Road, Worli, Bombay-400018, Maharashtra, India, Indian Co. "Connector for luminaire (case 1)". July 22, 1993.
- Class 3. No. 165918. —do—. "Connector for luminaire (case 2)". July 22, 1993.
- Class 3. No. 166003. Pareesh Dungershi Gada of 5, Periana Sadan, Andheri, Kurla Road, Bombay-69, Maharashtra, India. Proprietary Concern. "Dummy switch plate". August 10, 1993.
- Class 4. Nos. 164961 & 164962. Chakiath Kuruvilla George, Chakiath House, Jayakeralam Road, Kuthukuzhi, P.O. Kothamangalam-686691, Kerala, India. "Posts for Fencing". November 11, 1992.
- Class 4. No. 165202. Madame Rosa 1933, Partnership firm of M.R. Villa, Salmona, Saligao, Bardes, Goa-403522, India. "Glass bottle". January 18, 1993.
- Class 4. No. 165393. Mohan Breweries & Distilleries Ltd., Indian Co., Rayala Towers, 2nd fl., 781, Anna Salai, Madras-600002. T.N. India. "Bottle". March 1, 1993.
- Class 5. No. 165180. Ekta Products, 113, Kishan Kunj Extension, Laxmi Nagar, Delhi-110092, India. "Board Game". January 8, 1993.
- Class 5. No. 165371. Haresh Chhotatal Mehta of Jayant House, Bail Bazar, Andheri Kurla Road, Kurla, Bombay-400070, Maharashtra, India. "Card Board Box". February 19, 1993.
- Class 5. No. 165324. The Assam Company Ltd. of 52, Chowringhee Road, Calcutta-700071, W.B., India, Indian Company. "Pouch". April 13, 1993.
- Class 6. No. 165125. Delsey, Society of 23, rue Saint Andre 93012, Bobigny, France. "Suitcase". December 18, 1992.
- Class 6. No. 165127. —do—. "Luggage". December 18, 1992.
- Class 6. No. 165130. —do—. "Suitcase". December 21, 1992.
- Class 6. No. 165131. —do—. "Suitcase". December 21, 1992.
- Class 8. Nos. 165081, 165090 to 165092, 165095 & 165096. Imperial Exports, Indian Partnership Firm of 41, Kaiserbagh, Lucknow 226001, U.P., India. "Durrie (floor covering)". December 9, 1992.
- Class 10. No. 165264. ICT Industries, Indian Partnership Firm of Swastik Industrial Compound, Chincholi Bunder Road, Malad (W), Bombay-400064, Maharashtra, India. "Footwear". February 3, 1993.
- Class 11. Nos. 165223 & 165226. Ravissant Pvt. Ltd., Indian Company of 50-51, Community Centre, New Friends Colony, New Delhi-110065, India. "Garment". January 29, 1993.

R. A. ACHARYA

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